



Recombinant Pongo abelii Alpha-1-antitrypsin (SERPINA1)

Product Code	CSB-EP732764PYX-B
Abbreviation	SERPINA1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q5RCW5
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	>85% (SDS-PAGE)
Sequence	EDPQGD AAQKTDTS HH DQDHPTFNKI TPNLAEFAFS LYRQLAHQSN STNIFFSPVS IATAFAMLSL GTKADTHSEI LEGLHFNLTE IPEAQVHEGF QELLRTL NQP DSQQLQTTGN GLFLNESLKL VDKFLEDVKK LYHSDAFTVN FGDTEEAKKQ INDYVEKGTQ GKIVDLVKEL DRDTV FALVN YIFFK GKWER PFEVKDTKEE DFHVDEVTTV KVPMMRRLGM FNIHYCEKLS SWVLLMKYLG NATAIFFLPD EGKLQHLENE LTHDIITKFL ENENRRSASL HLPKLSITGT YDLKRVLGQL GITKVFSNGA DLSGVTEEAP LKLSKAVHKA VLTIDEKGT E AAGAMFLEAI PMSIPPEVKF NKPFVFLMIE QNTKSPLFVG KVVNPTQK
Source	E.coli
Target Names	SERPINA1
Protein Names	Recommended name: Alpha-1-antitrypsin Alternative name(s): Alpha-1 protease inhibitor Alpha-1-antiproteinase Serpin A1
Expression Region	25-418
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.